

AMENDMENTS TO THE ABSTRACT:

Please replace the Abstract of the Disclosure with the following rewritten Abstract:

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B1  
--A device for measuring current in a line supplied by a voltage with noise, ~~and comprising~~ includes a series-mounted shunt ~~mounted in series. According to the invention, there is used an amplifier of the signal of the shunt and with~~ a supply element ~~to supply the amplifier with the voltage which follows the supply voltage of the shunt. The invention is particularly applicable to electrical power steering for automotive vehicles using an asynchronous motor.~~--

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